

Form PTO-1449

**U.S. Department of Commerce  
Patent and Trademark Office**

Atty. Docket No.  
**50717-AY**

Serial No.  
**Div. of  
08/805,031**

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

Applicant  
**Hiroko IWASAKI**

Filing Date  
**Concurrently  
Herewith**

Group

pro  
1001 U.S. 83664  
04/17/01

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate	
Jan		AA	5	0	1	1	7	2	3	04/30/91	Harigaya et al.	—	—	
		AB	5	0	2	4	9	2	7	06/18/91	Yamada et al.	—	—	
		AC	5	0	8	0	9	4	7	01/14/92	Yamada et al.	—	—	
		AD	5	1	0	0	7	0	0	03/31/92	Ide et al.	—	—	
		AE	5	1	5	6	6	9	3	10/20/92	Ide et al.	—	—	
		AF	4	9	8	4	2	3	1	1/91	Yasuoka et al.	—	—	
		AG	5	3	6	8	9	8	6	11/94	Terao et al.	—	—	
		AH	5	2	9	8	3	0	5	3/94	Shinozuka et al.	—	—	
		AI	5	6	3	5	2	6	7	6/97	Yamada et al.	—	—	
↓		AJ	5	4	5	3	3	4	6	9/1995	Kawahasa et al.	—	—	
Jan		AK	4	8	4	9	3	0	4	7/1989	Uchiyama et al.	—	—	

**FOREIGN PATENT DOCUMENTS**

		Document Number							Date	Country	Class	Subclass	Translation		
		AL	6	3	5	0	9	3	1				Yes	No	
Jan		AM	0	6	2	6	6	8	2	11/94	EPO	—	—		
		AN	4	2	1	7	2	7	9	4/93	Germany	—	—		
		AO	5	0	5	8	0	4	7	3/93	Japan	—	—		
↓		AP	5	1	5	9	3	6	2	6/93	Japan	—	—		
Jan		AQ	5	1	9	8	0	0	3	8/93	Japan	—	—		

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

JA	AR	Abstract of Japanese Publication No. JP6274934, Patent Abstracts of Japan, Vol. 18, No. 690, pg. 1851
JA	AS	Abstract of Japan Publication No. JP3141028, Patent Abstract of Japan, Vol. 15, No. 363, pg. 1251

EXAMINER	DATE CONSIDERED
John McPherson	8/2/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

<b>Form PTO-1449</b>		<b>U.S. Department of Commerce Patent and Trademark Office</b>		<b>Atty. Docket No.</b> <b>50717-AY</b>	<b>Serial No.</b> <b>Div. of 08/805,03</b>
<b>INFORMATION DISCLOSURE CITATION BY APPLICANT (Use several sheets if necessary)</b>				<b>Applicant</b> <b>Hiroko IWASAKI</b>	
		<b>Filing Date</b> <b>Concurrently Herewith</b>	<b>Group</b> <b>09/836644</b>	 <b>04/17/01</b>	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number		Date	Name	Class	Subclass	Filing Date if Appropriate
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							

**FOREIGN PATENT DOCUMENTS**

		Document Number		Date	Country	Class	Subclass	Translation				
								Yes	No			
JAN	AH	5	2	1	7	2	1	1	8/93	Japan	—	—
JAN	AH	5	1	8	5	7	3	3	7/93	Japan	—	—
	AL											
	AM											
	AN											
	AO											

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AP	
	AQ	
	AR	
	AS	

<b>EXAMINER</b> <u>John M. Pherson</u>	<b>DATE CONSIDERED</b> <u>8/2/03</u>
---	---

\***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.